

## ABSTRACT OF THE DISCLOSURE

A deflection yoke apparatus include a saddle-type coil bobbin, first guide grooves, second guide groove, third guide groove, and a multi-wire conductor. The saddle-type coil bobbin has a front end portion and a rear end portion. The first guide grooves is formed in the inner surface of the coil bobbin and extends across the front end portion and the rear end portion. The second guide groove is formed in the front end portion of the coil bobbin. The third guide groove is formed in the rear end portion of the coil bobbin. The multi-wire conductor is wound around the coil bobbin, the conductor being routed through the first guide groove, the second guide groove, and the third guide groove. The second guide groove and third guide groove have a width in a range of 1.0 to 1.5 times the diameter of the conductor.

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